

EUROPEAN PATENT OFFICE

1865 FI-B

3.

Patent Abstracts of Japan

PUBLICATION NUMBER : 2001253492
 PUBLICATION DATE : 18-09-01

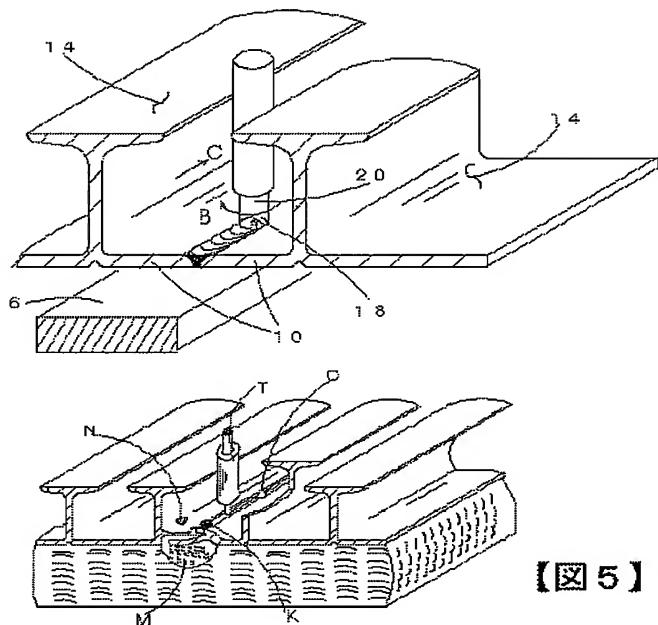
APPLICATION DATE : 13-03-00
 APPLICATION NUMBER : 2000069013

APPLICANT : NIPPON TREX CO LTD;

INVENTOR : TAKESHITA TOSHIYASU;

INT.CL. : B65D 88/12 B23K 20/12 F25D 23/06 //
 B23K101:18 B23K103:10

TITLE : FLOOR STRUCTURE FOR
 CONTAINER



【図 5】

ABSTRACT : PROBLEM TO BE SOLVED: To solve such problems that in the case where aluminum section rails are laid down on a load-carrying platform of a truck or a trailer over the entire width of the platform, aluminum sections are welded to one another at ten or more places over the entire length thereof because the width of the aluminum section rail is generally 200-300 mm or so and, as a result, (1) as shown in Fig. 5, the insertion of a welding gun L into a space between the aluminum section rails becomes insufficient in a welding operation at portions of T-shaped or hat-shaped bottoms thereof, and a welding defect K is easily caused, (2) when the welding defect portion K is rewelded, the rewelded portion is thermally affected to be strained, and (3) the rewelded portion is also poor in appearance, and its quality is remarkably deteriorated.

SOLUTION: A floor structure for a container is formed by laying a plurality of floor rails, which are formed of aluminum sections and which extend longitudinally for circulating cold air on a floor face, and by welding edges of the adjacent floor rails by means of abration, agitation and welding.

COPYRIGHT: (C)2001,JPO